

20020407.qrp v02_n518.qrl.20020407

Date: Sun, 7 Apr 2002 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2518

QRP-L Digest 2518

Topics covered in this issue include:

- 1) [124118] Off topic
by "Johan Smet" <johan_smet@pandora.be>
- 2) [124119] sw rcvr.
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 3) [124120] =?ISO-8859-1?Q?Re:_ "=C6theric_or_wireless_telegraphy" _/
_by_Robert_Gordon_?=
=?ISO-8859-1?Q?Blaine?=
by Charles Gordon / K7YPI <pika@ruralnetwork.net>
- 4) [124121] Helical Conical
by Steven Weber <kd1jv@moose.ncia.net>
- 5) [124122] QRP ARCI Spring QSO Party
by Randy Foltz <rfoltz@turbonet.com>
- 6) [124123] Re: Help with Hammarlund for QRP Receiver
by Bruce Muscolino <w6toy@erols.com>
- 7) [124124] =?ISO-8859-1?Q?Re:=20=C6theric=20or=20wireless=20telegraphy?=
by N0BN@aol.com
- 8) [124125] Re: Help with Hammarlund for QRP Receiver
by "Mike Yetsko" <myetsko@insydesw.com>
- 9) [124126] Re: re, reflector
by Bruce Muscolino <w6toy@erols.com>
- 10) [124127] Re: Help with Hammarlund for QRP Receiver
by "ZOOM" <kandrparker@sympatico.ca>
- 11) [124128] Re: Help with Hammarlund for QRP Receiver
by "Trevor Jacobs" <fxtech@earthlink.net>
- 12) [124129] Re: FS: SG-2020 reduced
by Jeff <fantbb@yahoo.com>
- 13) [124130] Tranceiver
by "W2WU" <w2wurjj@verizon.net>
- 14) [124131] O.T. Dumping AOL
by AD6EZ@aol.com
- 15) [124132] QRP Stuff for Sale (Updated)
by "N3BJ" <N3BJ@hotmail.com>
- 16) [124133] Simple DC Rx front-end
by "Leon Heller" <leon_heller@hotmail.com>
- 17) [124134] QRP Stuff for Sale (ALL SOLD)
by "N3BJ" <N3BJ@hotmail.com>
- 18) [124135] Re: FS: SG-2020 reduced

- by tailfeathers@juno.com
- 19) [124136] F.S. KD1JV SA/SA
by "Joe W2KJ" <w2kj@earthlink.net>
 - 20) [124137] Atlanticon
by "John L. Sielke" <w2agn@w2agn.net>
 - 21) [124138] OT: Yahoo "Snooping"
by "John L. Sielke" <w2agn@w2agn.net>
 - 22) [124139] QRP+ Speech processor?
by ARDUJENSKI@aol.com
 - 23) [124140] Re: OT: Yahoo "Snooping"
by Dave Richards <wr3i@earthlink.net>
 - 24) [124141] ArkieCon Summary
by K5KW@aol.com
 - 25) [124142] Sa/SA is sold
by "Joe W2KJ" <w2kj@earthlink.net>
 - 26) [124143] Another State Falls - All counties QRP
by Larry Cahoon <lejek@erols.com>
 - 27) [124144] Re: OT: Yahoo "Snooping"
by "John L. Sielke" <w2agn@w2agn.net>
 - 28) [124145] Incommunicado
by Wayne Scace <WM-Scace@wiu.edu>
 - 29) [124146] Atlanticon 2002
by "Ron Polityka" <wb3aal@fast.net>
 - 30) [124147] RE: FS by AB7R - NIR-12
by "Ed Tanton" <n4xy@earthlink.net>
 - 31) [124148] Re: FS: SG-2020 Reduced
by Dave Redfearn <n4elm@attbi.com>
 - 32) [124149] Setting up a "lab"
by Tim and Nancy Logan <cyr999@extremezone.com>
 - 33) [124150] Arkiecon -- A wealth of Pelf (X-Long)
by Nick Kennedy <nkennedy@tcainternet.com>
 - 34) [124151] FS 817 Package
by "Rod N0RC" <rod@n0rc.com>
 - 35) [124152] New Norcal SWL rig...
by "K7FD N7SG" <k7fd@hotmail.com>
 - 36) [124153] Re: another fraud alert
by "Brian Murrey" <brian@iquest.net>
 - 37) [124154] Re: New Norcal SWL rig...
by "Trevor Jacobs" <fxtech@earthlink.net>

Date: Sun, 7 Apr 2002 02:18:49 +0200
From: "Johan Smet" <johan_smet@pandora.be>
To: <qrp-1@Lehigh.EDU>
Subject: [124118] Off topic
Message-ID: <EIELKLLAKHJMDPPKMKALIEEACFAA.johan_smet@pandora.be>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys,
This is too much for me, this reflector is really going 'Yahoo'. I'm
(hopefully temporarily) closing down because of too much off-topic. Where's
is your mailing list master? See you again some day.
72,
Johan ON5EX

Date: Sat, 6 Apr 2002 21:18:07 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124119] sw rcvr.
Message-ID: <01b001c1ddda\$74cbb200\$d2af2341@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone out there know of an old sw rcvr, that might be either useable
or repairable, that I can buy for a reasonable price??? I have a friend for
whom I repaired an old bc rcvr. last week (1947) which had the (then) cml)
sw band (9-12 mhz) and he is crazy about the sw reception !!! If I could
find a rcvr. with some ham bands on it we just might have another Ham in
our ranks. (vacuum tubes are no concern, I can handle that) Please let me
know what you might find !!!!!!! thanks so much!!!
carl / kz5ca

Date: Sat, 06 Apr 2002 19:39:29 -0700
From: Charles Gordon / K7YPI <pika@ruralnetwork.net>
To: qrp-l@Lehigh.EDU, pcummins@misnet.com
Subject: [124120] =?ISO-8859-1?Q?Re:_"=C6theric_or_wireless_telegraphy"_/
_by_Robert_Gordon_?=
=?ISO-8859-1?Q?Blaine?=
Message-ID: <vtbvauogu3np2r7r84p1r154jd5eqfch2p@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Patrick: =20

A search of the Univ. of Calif. libraries' consolidated catalog
("MELVYL") produced this hit:

"

Author: Blaine, Robert Gordon=20
Title: =C6theric or wireless telegraphy / by Robert Gordon Blaine.=20
Publisher: London : Biggs and Sons, [1905?]=20
Description: 228, iv p. : ill., ports. ; 19 cm.=20
Notes: Includes index.=20
Language: English=20
Subjects: Telegraph, Wireless=20
Other entries: Aetheric or wireless telegraphy.=20
Print Access: NRLF "

The catalog can be accessed from this url: <http://www.cdlib.org/>

My search turned up other works by him (in physics) published
1900-1910. Looks like you have a valuable find IMHO.

73

Charles Gordon / K7YPI
Yellow Pine, Idaho

Date: Sat, 06 Apr 2002 22:26:27 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [124121] Helical Conical
Message-ID: <3.0.6.32.20020406222627.007b2100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Today I tried to make one of the Helical Conical antennas that, Stuart,
K5KVH described here a few times recently. I was going for a 20M version.

Looking around for something to make the frame from, I settled on some
wooden slats from one of those "decrative" lattice things. From them, I
made a pyramid shaped "A" frame, with a couple of notched slats in the form
of an "X" at the "bottom" to hold the "A"s up. I stuck with the dimensions
given for the 10M version, about 16" across the base and 12" tall.

Now came the hard part, how to figure out the spacing of the wire along the
"cone" to use up 16 feet of wire and keep it more or less evenly spaced. No
doubt there is some clever formula one can use to figure out how to put a

sprial of a given length along the outside of a cone so that the lines are evenly spaced, but I must of skipped that calculus class <G> So, I did it by trial and error, using straight pins to hold the wire to the slats and moved them around until it fit about right.

However, I forgot that I was suppost to make the wire 30% longer than a 1/4 wave. Oh, for simplicity, I'm also only using one folded element. To make matters worse, the owner of the MFJ analyzer I was borrowing came by and reclaimed it the other day. So, I just transmitted into the thing at varrious frequencies to see where the SWR wasn't too bad. Seems the best is around 21 MHz, only 5 : 1. I don't have the large copper screen to use as a ground plane either, so it's sitting on a 2 foot square metal top table. No doubt that has a big impact.

With the antenna tuner, I can get the SWR down near to 1:1 on 15M, not too bad on 20 and suprisingly, it works pretty good on 30M. On 20, the tuner settings are kinda out of whack from "normal", but on 15 and 30, thier not all that unreasonable. Once it's tuned in with the tuner, it hears almost as well as the dipole on the roof on 20 and 30. But then, so did that EH antenna.

Well, I guess I'll have to play around some more and see if I can get this thing to resonate closer to 20M. This is not a real easy antenna to build and right now it's pretty sloppy. Maybe I can do better with the next one, now that I have an idea of how it goes together.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 06 Apr 2002 19:32:23 -0800
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-1@lehigh.edu>
Subject: [124122] QRP ARCI Spring QSO Party
Message-ID: <3CAFBDC7.F23C5A25@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Next weekend, April 13 and 14 is the annual QRP ARCI Spring QSO Party. This is one of, if not the, biggest QRP contest. It is your opportunity to work on 2X QRP WAS, hone your contesting skills in a relaxed contest environment, and

hear old friends on the air again. Since the solar flux is at or above 200, we should have great conditions.

Here are the details:

Date/Time: April 13, 2002 1200Z through April 14 2400Z. You may work a maximum of 24 hours of the 36 hour period. This is a CW only contest.

Exchange: RST, State/Province/Country (SPC), ARCI member number or power level if not a member.

QSO Points: Contact a member and earn 5 points, a non-member on a different continent earns 4 points, and a non-member on the same continent earns 2 points.

Multipliers: SPC total for all bands. The same station may be worked on more than one band for QSO points and SPC credit.

Power Multipliers:

- 0 - 250 mW = 15x
- > 250 mW to < 1 W = 10x
- > 1 W to 5 W = 7x
- > 5 W = 1x

Total Score: QSO Points (for all bands) X SPC (for all bands) X Power Multiplier (highest power determines the multiplier)

Congregate near the usual QRP frequencies and spread out a bit.

Teams: You may enter as a team of either 2 to 5 members per team, or an unlimited number of operators as long as a maximum of 5 transmitters on the air at a time. You compete individually as well as on the team. Teams need not be at the same location. Team captain must send me a list of members before the contest starts.

After the contest send your high claimed score by visiting <http://personal.palouse.net/rfoltz/arci/form.htm> Check the web page at <http://personal.palouse.net/rfoltz/arci/highclm.htm> to see what others have claimed for their scores.

Complete entries consist of a summary and your logs. Send the summary via the web URL above and your log separately by

either e-mail or snail mail to

Randy Foltz
809 Leith St
Moscow, ID 83843

or send both to that snail mail address or my e-mail address
in the header of this message.

--
73,
Randy, K7TQ
Moscow, ID
QRP ARCI Contest Chairman

Date: Sat, 06 Apr 2002 22:53:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [124123] Re: Help with Hammarlund for QRP Receiver
Message-ID: <3CAFC2C9.609A5540@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

It is a common technique when working with tubes to use a VARIAC in the
AC line to allow the filter capacitors to reform gently. I do it all
the time using a borrowed VARIAC. (Note: Danny Gingell, you can get
your Variac back any time you want! Just call me!)

73

Date: Sat, 6 Apr 2002 23:00:03 EST
From: N0BN@aol.com
To: qrp-l@lehigh.edu
Subject: [124124] =?ISO-8859-1?Q?Re:=20=C6theric=20or=20wireless=20telegraphy?=
Message-ID: <13e.c4e2b9b.29e11e43@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Per the bibliography at the end of this interesting article, the book was printed in 1903: "Blaine, Robert G. Aetheric or Wireless Telegraphy. London: Biggs & Sons, 1903."

http://www.antiqueradio.com/marcmagdet_06-99.html

Daniel n0bn

Date: Sat, 6 Apr 2002 23:03:52 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124125] Re: Help with Hammarlund for QRP Receiver
Message-ID: <003101c1dde9\$3c472ae0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's fine and dandy if you have ready access to a variac.

I don't.

And I think that a lot of other people don't either.

Mike

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>

>

> It is a common technique when working with tubes to use a VARIAC in the
> AC line to allow the filter capacitors to reform gently. I do it all
> the time using a borrowed VARIAC. (Note: Danny Gingell, you can get
> your Variac back any time you want! Just call me!)

Date: Sat, 06 Apr 2002 22:59:55 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [124126] Re: re, reflector
Message-ID: <3CAFC43B.DDF70FDF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I subscribe to several "free reflectors", that is reflectors that don't charge us for using them or for the services. I have found they generally are commercial operations that fit us in when time permits. Lehigh is one of the best. The Collins reflector seems to put out their messages during the middle of the night when they "have the free time". Since I want the service I don't complain!

73

Date: Sat, 6 Apr 2002 23:14:26 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124127] Re: Help with Hammarlund for QRP Receiver
Message-ID: <010001c1ddea\$b4bac7b0\$c791fea9@wishfull3w6i2e>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well if you don't have a Variac and can't get your hands on one, a light dimmer works well also. They are usually rated for at least 500W so you can bring up the rig slowly and watch the current.

Now it works! I've done it!

Robert
VE3RPF

----- Original Message -----
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, April 06, 2002 11:03 PM
Subject: Re: Help with Hammarlund for QRP Receiver

> That's fine and dandy if you have ready access to a variac.
>
> I don't.
>
> And I think that a lot of other people don't either.
>
> Mike
>
> ----- Original Message -----
> From: "Bruce Muscolino" <w6toy@erols.com>
> >
> > It is a common technique when working with tubes to use a VARIAC in the
> > AC line to allow the filter capacitors to reform gently. I do it all
> > the time using a borrowed VARIAC. (Note: Danny Gingell, you can get
> > your Variac back any time you want! Just call me!)

Date: Sat, 6 Apr 2002 20:16:15 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124128] Re: Help with Hammarlund for QRP Receiver
Message-ID: <002b01c1ddea\$f5f2cb60\$7199b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yea, Mike it's a pretty common practice with the boat anchor guys.
Although, I usually end up recapping the piece of old gear that I'm
working on anyway, as those caps that reform have cause me problems in
gear that I've restored. That's a nice receiver, hope it works well. A
buddy of mine has an old NC-300 that needs a bit of attention, it's
physically a 9 out of 10, but needs recapping and so forth. I may buy it
as my next project.

73's
Trev
KG6CYN

----- Original Message -----
From: Mike Yetsko <myetsko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, April 06, 2002 8:03 PM

Subject: Re: Help with Hammarlund for QRP Receiver

> That's fine and dandy if you have ready access to a variac.
>
> I don't.
>
> And I think that a lot of other people don't either.
>
> Mike
>
> ----- Original Message -----
> From: "Bruce Muscolino" <w6toy@erols.com>
> >
> > It is a common technique when working with tubes to use a VARIAC in
the
> > AC line to allow the filter capacitors to reform gently. I do it
all
> > the time using a borrowed VARIAC. (Note: Danny Gingell, you can
get
> > your Variac back any time you want! Just call me!)
>
>
>

Date: Sat, 6 Apr 2002 20:19:33 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [124129] Re: FS: SG-2020 reduced
Message-ID: <20020407041933.41393.qmail@web10006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- w4clm.ham@juno.com wrote:
> Before anyone goes knocking John's SG-2020
>
> I just want to put in a good word that I have been
> very happy
> with my little SG-2020 and SGC has been very prompt,
> courteous
> and attempted to resolve any problems I have had
> regarding
> their unit. I recently had the ADSP installed and
> the transceiver

> has never worked better.

I just bought one also with the ADSP installed and the DSP works great! Also with the built in SCAF filter you can do some serious filtering.

> Just thought I would add that on and I hope John
> finds a happy buyer!

Me too!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?

Yahoo! Tax Center - online filing with TurboTax

<http://taxes.yahoo.com/>

Date: Sat, 6 Apr 2002 23:26:49 -0500

From: "W2WU" <w2wurjj@verizon.net>

To: <fxtech@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [124130] Tranceiver

Message-ID: <002301c1ddec\$80feff20\$71c2fea9@w2wu>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Has anyone a 62S-1 kicking about that needs work? Cosmetics not important.
Just love working on "boat anchors". 73, OT, W2WU

----- Original Message -----

From: Trevor Jacobs <fxtech@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: 06 April, 2002 23:16

Subject: Re: Help with Hammarlund for QRP Receiver

> Yea, Mike it's a pretty common practice with the boat anchor guys.
> Although, I usually end up recapping the piece of old gear that I'm
> working on anyway, as those caps that reform have cause me problems in

> gear that I've restored. That's a nice receiver, hope it works well. A
> buddy of mine has an old NC-300 that needs a bit of attention, it's
> physically a 9 out of 10, but needs recapping and so forth. I may buy it
> as my next project.

>

> 73's

> Trev

> KG6CYN

> ----- Original Message -----

> From: Mike Yetsko <myetsko@insydesw.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Saturday, April 06, 2002 8:03 PM

> Subject: Re: Help with Hammarlund for QRP Receiver

>

>

> > That's fine and dandy if you have ready access to a variac.

> >

> > I don't.

> >

> > And I think that a lot of other people don't either.

> >

> > Mike

> >

> > ----- Original Message -----

> > From: "Bruce Muscolino" <w6toy@erols.com>

> > >

> > > It is a common technique when working with tubes to use a VARIAC in
> the

> > > AC line to allow the filter capacitors to reform gently. I do it
> all

> > > the time using a borrowed VARIAC. (Note: Danny Gingell, you can
> get

> > > your Variac back any time you want! Just call me!)

> >

> >

> >

>

>

>

Date: Sun, 7 Apr 2002 01:26:50 EST

From: AD6EZ@aol.com

To: qrp-l@lehigh.edu

Subject: [124131] O.T. Dumping AOL

Message-ID: <8.243d20d7.29e140aa@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang ...

Okay, I am finally getting rid of AOL. I figured out how to save my Favorite Places (Bookmarks) - I am using linkdragon.com.

Does anyone know of a way to somehow transfer my AOL address book to Outlook Express other than printing it out and keyboard inputting the data? Any help will be appreciated!

73 de Denny AD6EZ<><

Date: Sun, 7 Apr 2002 08:09:52 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124132] QRP Stuff for Sale (Updated)
Message-ID: <0E41pZ7oNkD4n8viqQb000026f2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Need to reduce inventory here.
>
> Norcal 40A, original club offering, nicely done with selectable
bandspread, MRF-237 final., gets 3 watts out, manual. \$85 shipped
>
> OHR WM-2 wattmeter, works fine, like new, manual. \$85.00 shipped SOLD
>
> Kenwood MC-60A mike, wired for Elecraft K2, original box, like new.
> \$85.00 shipped
>
> Timewave DSP-9, like new, with wall wart, manual, works fine. \$75 shipped
>
> Heathkit HM-9 QRP SWR/wattmeter,
> works fine, front panel excellent, case has some minor scratches, no
manual. \$45.00 shipped SOLD
>
> Alan, N3BJ

> Bent Mountain, Va
>

Date: Sun, 07 Apr 2002 12:31:00 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [124133] Simple DC Rx front-end
Message-ID: <F180aMJWmGZOJEEV5tq0000d3c8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I've just uploaded the schematic of a simple DC Rx front-end based on KK7B's designs, with a simplified diplexer taken from the 'Ugly' DC Rx design at

<http://qrp.pops.net>

to my web site:

<http://www.leonheller.com/rx.gif>

It uses the TUF-1 mixer and Toko 10RB inductors, which should be easy to obtain. The 1uF caps are metallised polyester.

Ugly construction is quite straightforward but I've also designed a small PCB for it, which I haven't tried yet. It's about 2" square.

I haven't included the input filter, VFO, LP filter and AF amplifier, as these will vary according to the builder's requirement. For instance, I feed the output into a DSP for filtering. Two of the circuits will be ideal for experimenting with DSP-based phasing techniques, with an I/Q oscillator and a power-splitter on the input.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 7 Apr 2002 10:32:13 -0400

From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124134] QRP Stuff for Sale (ALL SOLD)
Message-ID: <0E37iGtXsL1c00goZol00001048@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Norcal 40A, original club offering, nicely done with selectable bandspread,
MRF-237 final., gets 3 watts out, manual. \$85 shipped SOLD

OHR WM-2 wattmeter, works fine, like new, manual. \$85.00 shipped SOLD

Kenwood MC-60A mike, wired for Elecraft K2, original box, like new. \$85.00
shipped SOLD

Timewave DSP-9, like new, with wall wart, manual, works fine. \$75 shipped
SOLD

Heathkit HM-9 QRP SWR/wattmeter, works fine, front panel excellent, case has
some minor scratches, no manual. \$45.00 shipped SOLD

Alan, N3BJ
Bent Mountain, Va

Date: Sun, 7 Apr 2002 08:41:49 -0600
From: tailfeathers@juno.com
To: fantbb@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [124135] Re: FS: SG-2020 reduced
Message-ID: <20020407.085415.-1462293.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does the SG2020 still have mechanical relays?

Gary

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 7 Apr 2002 10:58:38 -0400
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [124136] F.S. KD1JV SA/SA
Message-ID: <004f01c1de44\$b3cd4080\$b034323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I bet I own the last un-built Spectrum Analyzer/Scope Adaptor
kitted up a few years ago by our own KD1JV "Melt Solder" Steve
Weber.

I haven't found time to build up the kit in these past years
so I'm offering up for sale to someone who will build it and
put it to use.

So, for sale one each new-in-the-box Spectrum Analyzer/Scope
Adaptor kit. Will ship for \$105 (my original cost plus
shipping).

73, Joe W2KJ
I QRP, therefore I am

Date: Sun, 07 Apr 2002 11:10:14 -0400
From: "John L. Sielke" <w2agn@w2agn.net>
To: njqrp@njqrp.org, soc@mailman.qth.net, qrp-1@lehigh.edu
Subject: [124137] Atlanticon
Message-ID: <02040711101402.12612@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Another FANTASTIC Qrp gathering! Really great to see Paul, NA5N again, and
his talk was very interesting, as were all of the speakers on Saturday.

After 3 previous Atlanticons having never won a doorprize, (not even a little one), I about fell over when I won the Grand Prize this year! A really LOADED with all options K1!

Thanks to all!

--

John L Sielke W2AGN
w2agn@w2agn.net
http://www.w2agn.net
Trustee: W3IYQ

When you do a good deed get a receipt just in case heaven is like the IRS.

Date: Sun, 07 Apr 2002 13:06:50 -0400
From: "John L. Sielke" <w2agn@w2agn.net>
To: qrp-l@lehigh.edu, soc@mailman.qth.net, njqrp@njqrp.org,
sjiug-l@cyrus.tcnj.edu
Subject: [124138] OT: Yahoo "Snooping"
Message-ID: <02040713065006.12612@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

OK, I know this is off topic, but I received this on another list. It seems good old Yahoo is really at it!

--

"Yahoo really has their noses up your butt these days. They are now using something called "Web Beacons" to track you around the net & see what you are doing.

Take a look at
<http://privacy.yahoo.com/privacy/us/pixels/details.html> Somewhere about halfway down the page, under "Outside the Yahoo! Network" there is a tiny little link that lets you opt-out of their electronic snooping. I advise everyone to do so immediately if not sooner.

Also note that when you opt out, a window opens that says you have successfully
optd out, but also says that if you want ot cancel opt out to press the small window below. I almost clicked the small window thinking for a moment that it was the final opt out. NOT!!!!!! Put there to fake you out. "

John L Sielke W2AGN
w2agn@w2agn.net
http://www.w2agn.net
Trustee: W3IYQ

When you do a good deed get a receipt just in case heaven is like
the IRS.

Date: Sun, 7 Apr 2002 12:10:08 EDT
From: ARDUJENSKI@aol.com
To: nwq-1@scn.org, qrp-1@lehigh.edu
Subject: [124139] QRP+ Speech processor?
Message-ID: <20.26cd1b30.29e1c960@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone tried using an external SPEECH PROCESSOR on their QRP+ and did it
give it a little extra PUNCH?

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sun, 07 Apr 2002 12:22:46 -0400
From: Dave Richards <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
w2agn@w2agn.net
Subject: [124140] Re: OT: Yahoo "Snooping"
Message-ID: <GFICYWRP3ICJB853MLA8FDOMDCMH0.3cb07256@sony>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Thanks for that John ..I nearly opted out also tricky eh?
dave
4/7/2002 1:06:50 PM, "John L. Sielke" <w2agn@w2agn.net> wrote:

>OK, I know this is off topic, but I received this on another list. It seems
>good old Yahoo is really at it!
>
>
>--
>"Yahoo really has their noses up your butt these days. They are now

> using something called "Web Beacons" to track you around the net & see
> what you are doing.
>
> Take a look at
> <http://privacy.yahoo.com/privacy/us/pixels/details.html> Somewhere
> about halfway down the page, under "Outside the Yahoo! Network" there is
> a tiny little link that lets you opt-out of their electronic snooping. I
> advise everyone to do so immediately if not sooner.
>
>Also note that when you opt out, a window opens that says you have
>successfully
>optd out, but also says that if you want ot cancel opt out to press the small
>window below. I almost clicked the small window thinking for a moment that it
>was the final opt out. NOT!!!!!! Put there to fake you out. "
>
>
> -----
> John L Sielke W2AGN
> w2agn@w2agn.net
> <http://www.w2agn.net>
> Trustee: W3IYQ
>When you do a good deed get a receipt just in case heaven is like
>the IRS.
>

Date: Sun, 7 Apr 2002 12:42:58 EDT
From: K5KW@aol.com
To: qrp-l@lehigh.edu
Subject: [124141] ArkieCon Summary
Message-ID: <136.be627e7.29e1d112@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

Some have asked about ArkieCon. IMOH, It was the usual superb QRP experience. Here's my take on it.

ArkieCon really begins with the usual informal "dutch treat" dinner (supper) gathering at the Rib Eye in Fort Smith. An ever-increasing group (150 QRPers this year) attended, filling two rooms at the restaurant. Looks like attendance

at ArkieCon is beginning to rival that of Pacificon and AtlantiCon.

A pleasant surprise at this year's Friday evening dinner gathering was the complimentary plate of turkey fries and fried pickles placed on the tables. The "fries were provided by the Fort Smith QRP Club and arranged by Keith, K5YCM. This was my third consecutive year to attend ArkieCon and I *finally* worked up enough courage to try the turkey fries. They are, in a word, delicious.

Later, at the Guest House Inn, host hotel for the event, the "Ham Band" performed. If you haven't listened to Doug sing, you've missed a memorable experience. Nick Kennedy, WA5BDU, performed some eye-popping ear-pleasing riffs on the banjo while Doug, JayBob's young son, and another QRPer on dulcimer kept the rythym going.

Doug, KI6DS, kept things moving as MC at the Saturday forum. The speakers have always done an exceptional job of both informing and entertaining the QRP crowd, and this year was no exception. I'll leave a review of the technical talks for others, but I feel compelled to warn you about English humor. If you want to laugh until your sides hurt, get Lord Graham Firth to play his recording of the late comic Peter Sellers' spoof of the song "Night and Day." (Hint: The lyrics are performed in Morse code accompanied by a huge orchestra.)

Event coordinator JayBob, W5JAY, again allowed time off between the forum presentations for us attend the rest of the Fort Smith Ham Fest and flea market. I heard good comments again about that arrangement.

Vern Wright unveiled his new portable beam and drew a large crowd as he assembled it on the lawn and explained its features. Price will be about 300 bucks.

The forum closed with the usual free bar-b-q dinner and some Maine lobster which I understood was brought by a QRPer from back east. JayBob can give you the details, but it sure added a touch of class to the already exceptional meal.

Numerous rigs and antennas were set up for the crowd's use after the forum, and several took a turn at operating. When I left to drive back to Oklahoma

(Baja Kansas according to Doug), there was a large crowd of QRPers just sitting at the dinner table enjoying casual conversation, and many were mingling with the speakers and guests.

I'll bet that once JayBob, Kelsey, Keith, Win, and the others have rested up a bit we'll hear more about ArkieCon.

My rating of ArkieCon? Two thumbs and ten toes up! (Hey, I'm reclining..us old guys gotta rest up after so much excitement or the nurse will take our hand keys away!)

Don, K5KW
Fort Gibson, OK

Date: Sun, 7 Apr 2002 12:49:25 -0400
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [124142] Sa/SA is sold
Message-ID: <004f01c1de54\$2de6bcc0\$7734323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The KD1JV SA/SA listed earlier is spoken for.

73, Joe W2KJ

Date: Sun, 07 Apr 2002 16:56:59 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-1@lehigh.edu
Subject: [124143] Another State Falls - All counties QRP
Message-ID: <5.1.0.14.0.20020407165028.00b7a128@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yesterday it was NY, today it was IA. I just worked WU9F/M in Delaware County, IA for the last county QRP in that state. It took 500 mWatts, the K1 and a dipole to do it. I even got a 559 from the guy. That makes 17

states done - 33 states and 160 counties to go.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 07 Apr 2002 14:00:24 -0400
From: "John L. Sielke" <w2agn@w2agn.net>
To: qrp-1@lehigh.edu, soc@mailman.qth.net, njqrp@njqrp.org,
sjiug-1@cyrus.tcnj.edu
Subject: [124144] Re: OT: Yahoo "Snooping"
Message-ID: <02040714002408.12612@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 07 April 2002 13:06, John L. Sielke wrote:
> OK, I know this is off topic, but I received this on another list. It seems
> good old Yahoo is really at it!

<snip>

Incidenattly, when I completly cancelled my Yahoo account, they sent me an email informing me they will keep my Personal Information for three years, to do with as they see fit.

I am sorry GQRP, and a few other nice email lists remain on Yahoo.

--

John L Sielke W2AGN
w2agn@w2agn.net
<http://www.w2agn.net>
Trustee: W3IYQ

When you do a good deed get a receipt just in case heaven is like the IRS.

Date: Sun, 07 Apr 2002 18:21:04 +0100
From: Wayne Scape <WM-Scape@wiu.edu>
To: "low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124145] Incommunicado
Message-ID: <5.1.0.14.0.20020407182014.037a5230@POP3.wiu.edu>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

Wayne K9DI es Sequoia here. I just wanted to let you know that I'm tearing comoputers down today and will be offline until 10 April when phone service is started at the new QTH. See you on the other side.
73/72 es M00/00

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
k9di@qsl.net
LICQ# 315313
FISTS# 4409
QRP-L# 2313
QRPp-L# 243
FPQRP-L# 217
SOC# 452
ARS # 1,082
Zombie # 800
<http://www.qsl.net/k9di>

Date: Sun, 7 Apr 2002 14:32:16 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [124146] Atlanticon 2002
Message-ID: <001f01c1de64\$9132b580\$2e605cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello,

Well another Atlanticon Forum is over and I can not wait until next years event.

I would like to thank George, N2APB, and the NJ QRP Club crew for having me as a speaker and for the Great job they did with running the event. Give yourself a big pat on the back.

For all those that were at the forum that seen my talk. My pack weighed 52 lbs., that was with out water any water.

72

Ron Polityka
WB3AAL
www.n3epa.org

Date: Sun, 7 Apr 2002 15:36:31 -0400
From: "Ed Tanton" <n4xy@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [124147] RE: FS by AB7R - NIR-12
Message-ID: <004001c1de6b\$859d73c0\$c39e9fea9@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This DSP (the NIR-12) is THE best there is, period. I have two, one for the HR audio 'channel', and one for the SWL/Scanner 'channel'. Grab it while it's available guys.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

///snip

-JPS NIR 12 DSP (mint cond and the best DSP I have ever used)... \$200

Contact Greg - AB7R at:
360-679-8435
n4kop@whidbey.net

///snip

Date: Sun, 07 Apr 2002 14:38:40 -0500
From: Dave Redfearn <n4elm@attbi.com>
To: qrp-l@Lehigh.EDU
Subject: [124148] Re: FS: SG-2020 Reduced
Message-ID: <3CB0A040.C1BC1F62@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
>
>
New
Message
>
> Subject: FS: SG-2020 Reduced
> From: John Dorson (jdorson@worldshare.net)
> Date: Sat Apr 06 2002 - 07:42:22 EST
>
> * Next message: Mike Yetsko: "Re: KU4QD is not a good bet to do a deal with"
> * Previous message: Pete Burbank: "Re. HQ-170 query"
>
> -----
>
> SG-2020 QRP transceiver. All bands operation 160 through 10, general
> coverage receiver from 1.8 Mhz to 29.7 Mhz, 20 memories, selectable digital
> filters, full break-in operation in CW, iambic 'B' keyer adjustable from 5
> to 60 wpm, frequency scan, memory scan with adjustable dwell time, DC volt
> meter. ADSP and software upgrade installed 07/01. In excellent condition.
> Includes mic, DC cable with extra connector, manual and original box
>
> Reason for selling: Want to buy a KNWD TS-50S.
>
> Asking \$525.00 plus shipping.
>
> Thanks for reading. John K2JHU. jdorson@worldshare.net
>
> John K2JHU...
> jdorson@worldshare.net
>

> -----
>
> * Next message: Mike Yetsko: "Re: KU4QD is not a good bet to do a deal with"
> * Previous message: Pete Burbank: "Re. HQ-170 query"
>
>
> New
Message
:
>
> This archive was generated by hypermail 2b25 : Sun Apr 07 2002 - 15:05:09 EDT

John,

Is the SGC-2020 still for sale?
Minor question, but I noticed the keyer is iambic "B". Can it be placed
in iambic "A" mode?

Thanks!

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 07 Apr 2002 12:40:24 -0700
From: Tim and Nancy Logan <cyr999@extremezone.com>
To: qrp-1@Lehigh.EDU
Subject: [124149] Setting up a "lab"
Message-ID: <3CB0A0A8.C1B4C166@extremezone.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks - I'm new to this list, perhaps someone can offer some
suggestions? I've built a K1 and K2, but I never really took the time to
really understand how rigs work: the basics. I did learn to solder
though hi hi....and the rigs are incredible.

Sooo.....I got a Norcal 40A kit and David
Rutledge's book The Electronics of Radio which uses the Norcal for the
"practical lab". To use this self-teaching tool well, you need some
equipment. Thanks to the Elecraft crowd I've solved the Oscilloscope
component by getting a Tektronics 465M for \$110. It will have the manual
and arrives tomorrow :-)

The study also requires a frequency generator and mentions the HP 33120A 15MHz function generator. Well, this little baby is \$1700 new.

This is way beyond my budget - I'm more interested in something like \$50 used hi hi.

I've summarized the typical uses the "lab work" demands of the function generator by the book's Problem Numbers.

Knowing that this is what is required, can anyone suggest a piece of equipment that would meet my needs and could be had very cheaply? Thanks again. I've posted this to the

Problem 3A: set for 20Hz, 1Vpp square wave

Problem 4: 1MHz, 5Vpp sine wave with modulation depth of 70% - need a synch output connected to the oscilloscope.

Problem 5: 1kHz, 5Vpp square wave vary 100kHz to 30kHz and 100mVpp

Problem 10: set for %V pulses with 5ns width that repeat at a freq of 20kHz

Problem 13: 7MHz to 28MHz, 10Vpp

Problem 14: Set to 4,913,500 Hz sine wave with .5Vpp amplitude. Must be able to change freq in 1Hz steps

Problem 15: 7MHz sine wave, 5Vpp

Problem 17: 600Hz sine wave, 25mVrms

Problem 19: 1kHz square wave (50 ohm function generator set to 4Vpp with DC offset of 2V)

Problem 20: 20Hz square wave; 5Vpp

Problem 21: 7MHz sine wave, 2V with .5V offset

Problem 34 input power of 100fW at freq between 7020 - 7030kHz and ability to create noise (-30dBm in this case

Thanks folks - 73/Tim Logan NZ7C

Date: Sun, 7 Apr 2002 15:37:12 -0500

From: Nick Kennedy <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>

Subject: [124150] Arkiecon -- A wealth of Pelf (X-Long)

Message-ID: <01C1DE4A.171CE3C0.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

"He who dies with the most pelf wins."

Arkiecon attendees are rethinking that one, after having our consciousness expanded a bit. More on it later ...

My short trip through the Arkansas countryside to Fort Smith featured some traffic jams that would probably have been more typical of Alanticon or Pacificon, thanks to the long overdue repairs taking place on I-40. But I had my new HF mobile CW installation to keep the road rage at bay. My first QSO was with Dave, W0CH, who 'dropped by' the high point of Arkansas on his way to Arkiecon. (I'm a bit chagrined that Dave beat me to it, since Mt. Magazine is practically in my back yard.) Good job, Dave. Never let ham radio activities get in the way of a little hamming.

Arrived at the QRP Hotel around 3:30 and saw several obvious ham types milling around and wondering how to kill time before the no-host dinner. The Arkiecon veterans were a bit edgy with memories last year's overflow crowd in their heads. The Iowa boys came up with a practical proposal: Maybe there's a bar in the restaurant and we can sip a beer while monitoring the dining room's capacity. Sounded good to me. I got to the 6:30 dinner at 5:15 PM. Planted myself at the dinner table across from pesky Texans George, W5YR and Chuck, W5USJ. My first time to meet George.

Someone in the FS group set up the house with appetizers--turkey fries and fried cucumbers. As far as I could tell, no one gave a second thought to the origin of those things as we wolfed 'em down. Mighty good!

Polished off the meal and solved most of ham radio's problems in our dinner conversation, then back to the hotel by around 8:30.

Next on the unofficial agenda was the radio show and tell and musical sing-along in the breakfast room. Now normally when you assemble several amateur musicians into an impromptu group, the result is a train wreck. And this was not any different. Well, actually it went OK. Doug sang a few standards, accompanied by Jay's son Derek. (If they're 'standards', how come I never know them?) He even got the timid members of the crowd to sing along on a few. The surprise was Chuck Carpenter (W5USJ) on his mountain dulcimer. The banjo is a very QRO instrument, so I had to try to lay back to keep from stomping all over Chuck's pretty melodies. I didn't get hit by any flying fruit, so I guess we did alright.

In the radio show & tell department, the beautiful Manhattan style rigs (and keyer) by Jerry Hall, W0WPE took the prize. But the beauty wasn't just skin-deep. The Iowa boys ran a coax out the window to a hamstick and put the 30 meter rig on the air. When I got my shot at the rig, I was amazed to QSO an IK4 (Italian) station. Jerry says the little rig puts out 3 watts, and we know the hamstick on 30 isn't exactly a DX antenna.

Had a little fun by joining Doc baiting Jay on his hollow-state audiophile theories, then called it quits at 2300 with an eye toward an early start on

the flea market. (BTW--Earlier, I made the same mistake as last year when I went into the same Quickie Mart and purchased the same Mexican beer that DOES NOT have screw off caps. And yes Doc, you can stick 'em in the door latch and pop the lid off, but the contents tend to issue forth at high velocity. I don't recommend this tip for Hints & Kinks.)

Oversleeping a bit, I jumped up at 0700 and realized I should have packed some aspirins. Seems the Tres Amigos did it to me again--I know I'm getting old now.

The parking lot was already jammed at 0800. The flea market buzz for this hamfest had been over a mysterious guy named Bill from El Dorado ('The Gold'), Kansas and his now-famous dollar packs of highly desirable QRP parts. I'd bought a load at the Russellville hamfest and was back for more. Ten-turn pots, 2\$1. 2N3866's 5/\$1. 2N5179s 5/\$1, mini-toggles 5/\$1, MC1350s 5 or 6 / \$1. And other good stuff.

The Forums-

George Dobbs kicked things off with his philosophical basis for QRP.

George made his case for "doing more with less" and understanding what's going on inside our radios without being strident or (ahem) preachy. His talk featured a limerick on William of Ockham (of "Ockham's Razor" fame), and a poem introducing us to the term and concept of "pelf". If I understand correctly, pelf is those things that we want and eventually acquire, not because of need but just because we can. We were encouraged to take a pad of yellow stickies and label all such stuff we own (especially in the hamshack) as pelf. But there were several protests that one pad wouldn't be enough to do the job. I was impressed by the talk, but I've been guilty of concupiscence of the radio in the past and I'm sure that I will be guilty again.

Roy Lewallen didn't look like I'd pictured him. I've been reading his internet posts and more formal writings for some time. His polite and carefully constructed messages caused me to put him in a suit and tie.

That was about 180 degrees from reality. He wasn't exactly Dr. Megacycle-like scruffy, but did have that back-packer look. Roy had the simple task of explaining the most complex subject in ham radio to a roomful of travel weary hams in two 45 minute sessions. We learned the black art of applying snake-oil to antenna claims. Even how to make a dipole with several dBd gain. A dipole with gain over a dipole? Yes, anything's possible if you pick up the jargon. Roy also tempered the awe many of us show for patented inventions by displaying an actual patent for an antenna that uses a separate universe to propagate signals at a speed faster than that of light. As a bonus, it also makes plants grow better.

Graham Firth did a presentation on control software for the FT-817 and various interfaces he had constructed. It was quite interesting even

though I don't have an '817. But sometimes I think those UK guys could be entertaining just reading the phone book. It's that accent. My favorite for the British to American dictionary this year is the use of "bits" where normal people would say "pieces" or "parts". Graham and Tony gave us a little Atlanticon flavor with their Badger badges frequently announcing their calls. The Peter Sellers Morse and music part was great too.

More show-n-tell: Don, K5KW, brought his beautifully built QRP tube rig along. It was from a 1950 ARRL publication and featured plug-in coils and a separate power supply. Nice.

More perf: Somehow, the QRP-as-Zombie thing has really resonated in me. Maybe because the Shuffle is such fun. But I've wanted a tin of Zomboids ever since I first saw a photo on the net. Well, we had Mr. Zomboids (W1REX) at Arkiecon. But he wasn't exactly pushing them--I had to track him down at his cooking station and demand that he sell me a couple. I'm now the proud owner of two tins in "mint" condition. (Feel free to groan here. I couldn't resist.)

Announcements:

The Atlanticon announcement of the new SWL kit was relayed to us. Then Doug showed off the latest NORCAL jewel--a shortwave receiver that fits in an Altoids (I mean Zomboids) tin. Digital readout, construction is a hybrid of SMT and leaded devices, and I think it's a DSP unit.

Very Wright showed off his new very lightweight and compact two-element beam for 20 thru 6 meters. Designed with L.B. Cebik's antenna skills and Vern's legendary quality construction. Broken down, it fits in a bag that can be slung over the shoulder and carried easily.

More food: The free BBQ was super, and not just because it was free. But the surprise treat was provided by W1REX and company, who came all the way from Maine. Lobster!

Drawings:

Once again, I sat in a room with maybe 75 people in it and watched Doug and Jay and assistants draw and draw and draw tickets for give-aways that seemed endless. Good stuff, too. Yet somehow they couldn't seem to pull that WA5BDU ticket. I usually go for the rational, Occam's Razor type, simple explanation of what I observe, but I think something more sinister is going on here. Maybe writing my call on a ticket causes it to fall into Roy's alternate universe, never to be seen again.

Summary:

Yes, my write-up is way too long as usual. (Even though I forgot to

mention several names, I'm sure.) But I read somewhere that astronomers say, "If you don't document it, it didn't happen." So now Arkiecon is real for me. And although I brought home a bit of hard pelf, I think I also picked up a little of that pelf-of-the-soul that Rev. Dobbs described, in the Arkiecon experience.

72/CU next year.

Nick, WA5BDU

Date: Sun, 7 Apr 2002 15:06:39 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"cqc-l" <CQCLIST@yahooogroups.com>
Subject: [124151] FS 817 Package
Message-ID: <003901c1de78\$1ce695c0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FS 817 Package \$850 shipped CONUS

Items acquired in recent equipment trade, excess to my needs:

Package includes:

- + FT-817 Excellent condition, less than 1 year old, works FB. All standard accessories included; PLUS THESE EXTRAS:
 - o W4RT NiMH Battery Pack with internal charger option, included charger cable terminated with Molex connector for MH-777 (below) see: <http://www.w4rt.com/html/opp.html> for details.
 - o 500 Hz Collins Mechanical CW Filter
- + CT-62 Yaesu Cat Interface Cable
- + Maha MH-777 Battery Charger, with cigarette lighter & wall wart power cable.
- + "Vade Mecum" (Nice one page quick reference)
see: <http://www.w4rt.com/html/doc.html>

+ VE3AYR "Pack-It" Reference for the FT-817, 1st ed. More info
at: <http://www3.sympatico.ca/januscs/FT-817/index.html> or
<http://www.w4rt.com/html/doc.html>

73, Rod N0RC
Ft Collins, CO

Date: Sun, 07 Apr 2002 15:31:28 -0700
From: "K7FD N7SG" <k7fd@hotmail.com>
To: nkennedy@tcainternet.com, qrp-1@Lehigh.EDU
Subject: [124152] New Norcal SWL rig...
Message-ID: <F1812dx770szp2LWURQ00014bf2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone have more info, pix, URL, etc about this Norcal SWL rig?

Nice write-up, Nick!

73 John K7FD

>From: Nick Kennedy <nkennedy@tcainternet.com>

>Announcements:

>

>The Atlanticon announcement of the new SWL kit was relayed to us. Then
>Doug showed off the latest NORCAL jewel--a shortwave receiver that fits in
>an Altoids (I mean Zomboids) tin. Digital readout, construction is a
>hybrid of SMT and leaded devices, and I think it's a DSP unit.

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sun, 7 Apr 2002 17:43:14 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124153] Re: another fraud alert
Message-ID: <003a01c1de85\$9d99e610\$b5382bd1@bmurrey2K>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm not liable for unauthorized charges on my card.

If my card number is stolen and used to make purchases, the card issuer gets to eat it.

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, April 05, 2002 7:01 AM
Subject: Re: another fraud alert

> ----- Original Message -----

> From: "Brice D. Hornback" <bdh@cyberbound.net>
> Subject: Re: another fraud alert

>

>

> > Postal Money Orders are not any "safer" than other forms of payment. The

> > safest way to make a purchase, especially online, is with a credit card

> and

> > from a known dealer or a person with a good reputation.

>

> Be careful here.

>

> A lot of us negotiate these things over email, which is NOT secure. If you

> enter your credit card number on an email anyone along the way can grab it.

> Do not enter your CC# in an email EVER unless you have encrypted the email

> (which is still a pain - there is currently no easy way to do this).

>

> Even your browser isn't all that great. It may not be obvious to all that

> you need to check that you are on a secure connection by seeing that the

> link you are entering your card into starts with https and/or the little

> lock shows in the status bar at the bottom of the browser.

>

> Also keep in mind that Netscape has had a huge hole for a number of years
> now that lets someone at a later date discover credit cards you had typed in
> earlier, and Microsoft Wallet has a similar problem for quite some time.
> Microsoft seems to be a little better at getting after these thing than
> Netscape (except for MS Wallet), but there are so many holes in IE that if
> you haven't updated it in the last week it probably isn't safe anymore.
> Every day there are new IE exploits discovered. Don't ever tell your
> browser to remember your CC#'s no matter how convenient it is, this is one
> area that MS just hasn't been very good about.
>
> I suspect that some of the "off brand" browsers may be better than the big
> ones in this regard. Every script kiddie on the planet is trying to figure
> out how to hack IE, and Netscape just doesn't get it, never has probably
> never will. Something like Opera may be better, but I haven't really
> explored that.
>
> I have to admit to sometimes buying online, but as often as not, I get the
> order info and phone number online then make a call. In either case, go
> over your credit card bills with a fine tooth comb. As risky as the net is,
> I'm not convinced it's any worse than handing your credit card to the
> waitress at the local greasy spoon.
>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
> didileydadidah QRP-L #1446 Code Warriors #35
>
>
>

Date: Sun, 7 Apr 2002 15:48:21 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <k7fd@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124154] Re: New Norcal SWL rig...
Message-ID: <006601c1de86\$5244a960\$5fa0b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You guys have my ears perked up on this one too!

73's
Trev
KG6CYN

----- Original Message -----
From: K7FD N7SG <k7fd@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, April 07, 2002 3:31 PM
Subject: New Norcal SWL rig...

> Anyone have more info, pix, URL, etc about this Norcal SWL rig?
>
> Nice write-up, Nick!
>
> 73 John K7FD
>
>
> >From: Nick Kennedy <nkennedy@tcainternet.com>
>
> >Announcements:
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Then
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> >hybrid of SMT and leaded devices, and I think it's a DSP unit.
>
>
> -----
> Send and receive Hotmail on your mobile device: <http://mobile.msn.com>
>
>

End of QRP-L Digest 2518
